


# Attachment 19



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## MHU Identification Numbers Summary

5/1/2014



This document provides supplemental information for FEMA Unit Identification Requirements

Number	Format	Description	Location
FEMA Unit Designated Number	141000ABCD-1301AA2U-0056SW	The “FEMA Designated Number” is composed from information provided by FEMA and by the contractor, which uniquely identifies the unit.	UNIT Number PLACARD and UNIT SPEC PLACARD
UNIT Number Placard	141000ABCD-1301AA2U-0056SW	<p>Include FEMA Unit Designation Number</p> <p>Marking must be of a plain font (e.g. Arial); three inches (3”) high; black colored on white background; and must be reflective ASTM D4956 Type III or better</p>	Placement must be within three inches (3”) from the bottom of the adjacent roof eve and no more than three inches (3”) from the left edge of the manufactured home
UNIT Contract Placard	 <p>The Label Shall read, “FEMA Owned &amp; Maintained Unit Contact FEMA at 800-621-FEMA Unit Bar Code: _____”</p>	<p>Destructible Vinyl Sticker type (sticker must be applied so that it is level and plum with respect to the door edge)</p> <p>Black one inch (1”) high font, on white background, stating: “FEMA Owned &amp; Maintained Unit Contact FEMA at 800-621-FEMA”</p> <p>The above line must be suffixed with one-half inch (½”) font stating, “(3362)”</p> <p>Blue three-quarters inch (¾”) high font, stating “Unit Barcode”; and approximately eight inches (8”) of</p>	Place on the Interior side of front and back exterior doors, adjacent to upper peephole (top of the sign may not be any higher than 66” above the finished floor), door handle side

			space to write in (with permanent marker) FEMA Barcode number	
UNIT SPEC PLACARD	FEMA Designated Unit Number	(26 characters)	<p>White background, dark blue border, half inch (1/2") in thickness</p> <p>"UNIT SPECS" in uppercase, blue half inch (1/2") high font, centered</p> <p>Placard must list the information corresponding to the data labels listed below, in black one-quarter inch (1/4") high font:</p>	Placed on Interior side of the water heater closet door, level, three inches (3") from latch side. The top of placard shall be five feet (5') from bottom of the door.
	Manufacturer's Serial Number	(40 characters)		
	Contracted Manufacturer's Name	(40 characters)		
	Actual Manufacturer's Name	(40 characters)		
	Actual Manufacturer's Address	Address1 (40 characters) Address2 (40 characters)		
	Actual Manufacturer's Phone	(12 characters)	Actual Manufacture Date	MM-DD-YY (8 characters)
	FEMA Requirement Code	(3 characters)	FEMA Climate / Color	(4 characters)
	Length (feet)	(6 characters)	Width (feet)	(4 characters)
	Height (feet)	(4 characters)	Fully loaded Weight (lbs)	(4 characters)
	UFAS	Yes / No (3 character)	Number of Axles/Tires	(4 characters)
	Tire type/ recommended psi for transport	(10 characters)	Axle rating, each (weight in lbs)	(5 characters)
	Thermal (U/O) Zone	(1 character)	Livable area (Square feet)	(3 characters)
	Wind Zone	(1 character)	Roof Load Zone	(2 characters)
	Electrical System (amps / volts)	(7 characters)	Electrical Supply (# wires / # avg)	(3 characters)
	Water Heater Size (gallons)	(2 characters)	Water Heater Manufacturer	(40 characters)
	HVAC Manufacturer	(40 characters)	HVAC Size (rated tons)	(3 characters)
	HVAC Heat Strip Size (amps)	(3 characters)	Other 1	(40 characters)
	Siding Manufacturer	(40 characters)	Siding Color	(10 characters)
	Exterior Doors (rating / size)	(10 characters)	Windows (U factor)	(2 characters)
	# of Bedrooms	(1 character)	# of Bathrooms	(1 character)
UNIT SPEC Barcode	<b>MFG SERIAL NUMBER</b>   <b>ab123</b> (code 39)		<b>BARCODE INFORMATION</b> <b>Manufacturer Serial Number</b> This CODE 39 type barcode <i>shall</i> be encoded with the Manufacturer's number assigned, and it <i>shall</i> the serial numbers affixed or fied on other areas of the manufactured Unit. The barcode <i>shall</i> be only alphanumeric.	UNIT SPEC PLACARD
	<b>FEMA DESIGNATED UNIT NUMBER</b>   <b>ab123</b> (code 39)		<b>FEMA Designated Unit Number</b>	

	<p>INFORMATION FROM UNIT SPEC PLACARD</p>  <p>(PDF-417)</p>	<p>INFORMATION FROM UNIT SPEC PLACARD</p>  <p>(Datamatrix)</p>	<p>UNIT CODE 39 type barcode <i>shall</i> be encoded with the FEMA designated unit number (as explained above). The number <i>shall</i> match the number printed on the Unit Spec Placard. The barcode <i>shall</i> have be only alphanumeric, no dashes.</p> <p><b>Information from Unit SPEC Placard (PDF-417)</b>  This PDF-417 type barcode <i>shall</i> be encoded with comma delimited information from the Unit Spec Placard. Symbols (dashes and back slashes) are to be used. No commas in data fields may be used (e.g. numeric to denote thousands). The data <i>shall</i> be encoded in the order listed below. Data only – no data labels – will be included. Blank fields are included, but can be blank (denoted with just a comma).</p> <p><b>Information from Unit SPEC Placard (Datamatrix)</b>  This Datamatrix type barcode <i>shall</i> be encoded with comma delimited information from the Unit Spec Placard. Symbols (dashes and back slashes) are to be used. No commas in data fields may be used (e.g. numeric to denote thousands). The data <i>shall</i> be encoded in the order listed below. Data only – no data labels – will be included. Blank fields are included, but can be blank</p>	
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		<p>(denoted with just a comma).</p> <p><b>Comma delimited order</b>  FEMA Designated Unit Number,  Manufacturer's Serial Number,  Contracted Manufacturer's Name,  Actual Manufacturer's Name, Actual  Manufacturer's Address1, Actual  Manufacturer's Address2, Actual  Manufacturer's Phone, Actual  Manufacture Date, FEMA  Requirement Code, FEMA Climate /  Color, Length, Width, Height, Fully  Loaded Weight, UFAS, # of Axles /  Tires, Tire Type / Recommend PSI for  Transport, Axle Rating Each, Thermal  Zone, Livable Area, Wind Zone, Roof  Load Zone, Electric System, Electric  Supply, Water Heater Size, Water  Heater Manufacturer, HVAC  Manufacturer, HVAC Size, HVAC Heat  Strip Size, Other1, Siding  Manufacturer, Siding Color, Exterior  Doors, Windows, # of Bedrooms, # of  Bathrooms</p>	
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24 CFR 3280.6 Serial number. (Manufactured Home Serial Number)		Shall be stencil painted in such a location that it will not obscure the stamped serial number The serial number stenciled have to match the stamped serial number and serial number on the HUD data plate.	Located two inch (2") high font the manufacturer's serial number on the tongue
24 CFR 3280.5 HUD DATAPLATE	As required by 24 CFR 3280.5	As required by 24 CFR 3280.5.	<i>Placed inside the unit as required in 24 CFR 3280.5</i>
HUD Certification Label		<i>HUD Certification as required in 24 CFR 3280.11</i>	<i>Placed as required in 24 CFR 3280.11</i>
FEMA BARCODE	Insided the unit, determined by FEMA	FEMA receiving locations will assign and place a barcode for each accepted unit.	<i>FEMA will determine</i>